

HYBRID PIPETTE

ABSTRACT OF THE DISCLOSURE

5 A hybrid pipette including a pipette casing (11) and
a slide shaft (22) vertically movable in response to the
operation of a pushbutton (23). A plunger (31) is disposed
below the slide shaft and urged upwardly by a spring (33,
34). An engagement member (41) is coaxially and movably
fitted on the slide shaft (22) and extends through a hole
(12a1) in a casing member (11) so as to be movable at least
10 vertically. An electric motor (51) is provided on an axis
different from the axis of the slide shaft and operatively
engaged with the engagement member (41). In a manual
operation mode, the slide shaft (22) and the plunger (31)
move vertically in response to the operation of the
15 pushbutton (23) to perform suction and discharge of a
liquid. In a motor-driven operation mode, the engagement
member (41) is driven to move vertically by the electric
motor (51), whereby the plunger (31) is moved vertically to
perform suction and discharge of a liquid.